

FORM PTO-1419  
(REV. 7-82)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEPRIORITY, DOCKET NO.  
RD-28,013

SERIAL NO.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
LIST OF ITEMSApplicant  
Radislav Alexandrovich Potyrailo et al

Filing Date

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DAV	A1	3,999,864	12/28/1976	Mutter	356	212	11/17/1975
	A2	4,168,249	09/18/1979	Meyer	260	16	07/01/1995
	A3	4,255,308	03/10/1981	Brasen	260	29.6	07/12/1979
	A4	4,285,597	08/25/1981	Lamprecht et al.	356	446	05/30/1985
	A5	4,651,011	03/17/1987	Ors et al.	250	459	06/03/1985
	A6	4,687,338	08/18/1987	Task et al.	356	446	02/02/1983
	A7	4,715,717	12/29/1987	Evans	356	429	12/05/1985
	A8	4,885,254	12/05/1989	Sung	436	85	12/11/1987
	A9	4,886,355	12/12/1989	Keane	356	73	03/28/1988
	A10	4,978,731	12/18/1990	Melancon et al.	528	15	02/02/1990
	A11	4,996,076	02/26/1991	Nakaya et al.	427	38	03/24/1989
	A12	5,037,763	08/06/1991	Petisce	436	172	09/05/1990
	A13	5,098,750	03/24/1992	Ueno et al.	428	304.4	08/06/1990
	A14	5,118,559	06/02/1992	DeVoe et al.	428	262	06/03/1991
	A15	5,155,558	10/13/1992	Tannenbaum et al.	356	446	09/19/1990
	A16	5,198,869	03/30/1993	Moteverde et al.	356	243	10/15/1990
	A17	5,218,417	06/08/1993	Gay et al.	356	300	12/17/1990
	A18	5,244,636	09/14/1993	Walt et al.	422	82.07	01/25/1991
	A19	5,310,604	05/10/1994	Melancon et al.	428	447	08/13/1993
	A20	5,384,079	01/24/1995	Bur et al.	264	21	01/06/1993
	A21	5,416,594	05/16/1995	Gross et al.	356	237	07/20/1993
	A22	5,464,986	11/07/1995	Boettcher et al.	250	459.1	02/08/1994
	A23	5,483,338	01/09/1996	Wachter et al.	356	318	05/26/1994
	A24	5,550,632	08/27/1996	Harata	356	446	06/13/1991
	A25	5,552,890	09/03/1996	Nanna et al.	356	369	08/25/1995
	A26	5,556,663	09/17/1996	Chang et al.	427	8	12/30/1994
	A27	5,598,005	01/28/1997	Wang et al.	250	459	02/15/1995
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	A29	5,644,141	07/01/1997	Hooker et al.	250	559.22	10/12/1995
	A30	5,680,220	10/21/1997	Delignieres et al.	356	406	01/31/1994
	A31	5,707,587	01/13/1998	Blanchard et al.	422	82:08	11/20/1996
	A32	5,712,709	01/27/1998	Task et al.	356	432	04/08/1996
	A33	5,714,762	02/03/1998	Li et al.	250	559.2	11/08/1994
	A34	5,717,217	02/10/1998	Neckers et al.	250	459.1	05/05/1994
	A35	5,742,386	04/21/1998	Nose et al.	356	237	02/13/1997
	A36	5,788,374	08/04/1998	Bur et al.	374	161	06/12/1996
	A37	5,817,732	10/06/1998	Asahina et al.	528	45	10/08/1996
	A38	5,829,804	11/03/1998	Saeki et al.	293	120	06/25/1996
	A39	5,867,807	02/02/1999	Yamada et al.	702	30	10/25/1996
DAV	A40	6,018,396	01/25/2000	Rapaport et al.	356	446	04/19/1996

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FORM PTO-1449  
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	A41	6,031,620	02/29/2000	Typpo	356	445	04/28/1998
	A42	6,088,104	07/11/2000	Peterson	356	371	12/02/1994
	A43	6,151,123	11/21/2000	Nielsen	356	445	07/08/1998
	A44	6,157,449	12/05/2000	Hajduk	356	367	10/19/1998
	A45	H1655	06/03/1997	Task	356	446	04/04/1995
DA	A46	H1843	03/07/2000	Bur et al.	250	458	10/17/1997

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DA	B1	WO 00/13004	03/09/2000	PCT		

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DA	C1	✓	Photoluminescence Methods In Polymer Science, SW Beavan et al., Adv. Photochem, 11 pp. 207-303, 1979.
	C2	✓	Fluorescence Methods In Polymer Science, Yasunori Nishijima, Polymer Sci.: Part C, No. 31, pp 353-373, 1970.
	C3	✓	Analysis of Polymer Systems By Luminescence Spectroscopy, LS Bark et al., len, Editors. UK. (1982) Applied Science Publishers LTD, London, pp. 79-102, 1982.
	C4	✓	Luminescence Applications In Commercial Polymers, NS Allen et al., Chemistry and Industry, London, 23, pp. 907-913, December 2, 1978.
	C5	✓	The Use of Luminescence Spectroscopy in Aiding The Identification of Commercial Polymers, NS Allen et al., Analyst, Volume 101, London, pp. 260-264, April 1976.
	C6	✓	Transducer-Based Approached for Parallel Binding Assays in HTS, Andreas Brecht et al., Journal of Biomolecular Screening, Volume 1, Number 4, pp. 191-201, 1996.
	C7	✓	Optical Sensor Arrays Based On Micotiterplate Dimensions, Gunter Gauglitz, Mikrochim. Acta, 131, pp. 91-7, 1999.
	C8	✓	Some Applications of Fluorimetry To Synthetic Polymer Studies, Herbert Morawetz, Science, Volume 203, Number 4379, pp. 405-410, February 2, 1979.
	C9	✓	High-Conversion Polymerization Fluorescence Probes. 1. Polymerization of Methyl Methacrylate, Rafik O. Loutfy, Macromolecules, 14, pp. 270-275, 1981.
DA	C10	✓	Fluorescence Probes for Polymerization Reactions: Bulk Polymerization of Styrene, n-Butyl Methacrylate, Ethyl Methacrylate, and Ethyl Acrylate, Rafik O. Loutfy, Journal of Polymer Science, Polymer Physics Edition, Volume 20, pp. 825-835, 1982.

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**OTHER INFORMATION** (Including Author, Title, Date, Pertinent Pages, etc.)

DAV	C11	✓ <i>Optical Fibers Make Sense of Chemicals</i> , Jane A. Ferguson et al., <i>Photonics Spectra</i> , 14, pp. 108-114, Mqrch 1997.
	C12	✓ <i>Generating Sensor Diversity Through Combinatorial Polymer Synthesis</i> , Todd A. Dickinson, <i>Anal. Chem.</i> 69, pp. 3413-3418, 1997.
	C13	✓ <i>Standard Test Method for Resistance of Transparent Plastics to Surface Abrasion</i> , ASTM D 1044-94, 1994.
	C14	✓ <i>Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics</i> , ASTM D 1003-97, 1997.
	C15	✓ <i>Ultraviolet and Visible Molecular Absorption Spectorphotometry</i> , <i>Spectrochemical Analysis</i> , James D. Ingle, Jr. et al., Prentice Hall, Englewood Cliffs, NJ, Chapter 13, pp. 352-403, 1988.
	C16	✓ <i>Molecular Luminescence Spectrometry</i> , <i>Spectrochemical Analysis</i> , James D. Ingle, Jr. et al., Prentice Hall, Englewood Cliffs, NJ, Chapter 15, pp. 438-493, 1988.
	C17	✓ <i>Molecular Scattering Methods</i> , <i>Spectrochemical Analysis</i> James D. Ingle, Jr. et al., Prentice Hall, Englewood Cliffs, NJ, Chapter 16, pp. 494-524, 1988.
	C18	✓ <i>Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive</i> , ASTM D 968-93.
	C19	✓ <i>Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser</i> , ASTM D 4060-95.
	C20	✓ <i>Standard Test Method for Abrasion Resistance of Transparent Plastics and Coatings Using the Oscillating Sand Method</i> , ASTM F 735-94.
	C21	✓ <i>Standard Test Methods for Resistance of Plastic Materials to Abrasion</i> , ASTM D 1242-95a.
	C22	✓ <i>Paint and Coating Testing Manual</i> , Joseph V. Koleske, Editor, Fourteenth Edition of the Gardner-Sward Handbook, ASMT Manual Series: MNL 17, ASTM Publication Code Number (PCN) 28-017095-14, pp. 513-525.
	C23	✓ <i>Standard Practice for Testing Water Resistance of Coatings Using Water Immersion</i> , ASTM D 870-92.
	C22	✓ <i>Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape at 180° Angle</i> , ASTM D 3330/D 3330M-96, pp. 372-375.
DAV	C24	✓ <i>Standard Test Methods for Measuring Adhesion by Tape Test</i> , ASTM D 3359-92a, pp. 447-450.

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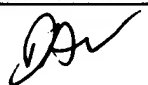

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	C25	✓ <i>Standard Test Method for Adhesion of Organic Coatings by Scrape Adhesion, ASTM D 2197-98, pp. 216-218.</i>
	C26	✓ <i>Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers, ASTM D 4541-95, pp. 327-333.</i>
	C27	✓ <i>Standard Test Method for Tensile Properties of Plastics, ASTM D 638-98, pp. 45-57.</i>
	C28	✓ <i>Standard Test Method for Tensile Properties of Organic Coating, ASTM D 2370-92, pp. 251-254.</i>
	C29	✓ <i>Standard Test Methods for Mandrel Bend Test of Attached Organic Coatings, ASTM D 522-93a, pp. 29-32.</i>
	C30	✓ <i>Microscopic Dynamics of the Glass Transition Investigated By Time-Resolved Fluorescence Measurements of Doped Chromophores, Jing Yong Ye et al., The American Physical Society, Physical Review B, Volume 56, Number 9, pp. 5286-5296, September 1, 1997.</i>
	C31	✓ <i>Determination of the Molecular Mobility and the Free Volume of Thin Polymeric Films With Fluorescence Probes, Dirk Anwand et al., Makromol. Chem., 192, pp 1981-1991, 1981.</i>
	C32	✓ <i>Photochemistry of Ketone Polymers, XI. Phosphorescence As A Probe of Subgroup Motion in Polymers at Low Temperatures, AC Somersall et al., Volume 7, No. 2, pp. 233-244.</i>
	C33	
	C34	
	C35	
	C36	
	C37	
	C38	
	C39	

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